

Abstract of the Disclosure

Wafer holder cleaning devices, systems and methods that are capable of removing contaminants from a wafer holder. An embodiment includes a particle removal surface on the cleaning device. An embodiment of the surface is a brush. An  
5 embodiment includes moving the surface into contact with the wafer holder. An embodiment includes moving the surface into a close, non-contacting relationship to the wafer holder. An embodiment includes a vacuum removing the particles from the wafer holder. In an embodiment, the wafer holder is a spindle chuck. In an embodiment, the spindle chuck is in a fabrication station. In an embodiment, one of the cleaning device  
10 and wafer holder rotates.

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